RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

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IFW16

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PATENT APPLICATION: US/09/856,200 TIME: 15:45:59

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3 <110> APPLICANT: Kwong, Peter D.
        Hendrickson, Wayne A.
        Sodroski, Joseph G.
        Wyatt, Richard T.
 8 <120> TITLE OF INVENTION: CRYSTALLOGRAPHY-RELATED METHOD FOR IDENTIFYING POTENTIAL
         INHIBITORS OF THE CD4-GP120 INTERACTION
11 <130> FILE REFERENCE: 54203-H-PCT-US
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14 <141> CURRENT FILING DATE: 2003-01-03
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17 <151> PRIOR FILING DATE: 1998-11-10
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20 <151> PRIOR FILING DATE: 1998-06-18
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101	_	_	_	~ 3	165		_		. .	170			. Dl	. .	175	
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105	Cor	. ~1.	. 01.	180			. т1.		185 . mb.			r Dha	. Agr	190		7 Gly
108	ser	. GI	195	_	PIC	, GIL	1 116	200		. nrs	o sei	L Pile	205	_	, GT	GIY
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137					_	310)				319	5				320
				D NC												
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				PRI												
					Hom	io sa	piei	ıs								
				ENCE:		. 7.4-		mb.	. C1,		c Dh	- 7 ar	Mot	- Т~~	T 7.00	n Acn
		1 116	e val	. ье		l ASI	ı va	. 1111	. GIL		PII	e Ası	1 Me	. ITF		s Asn
148		Mo+	- 77 - 5	1 7 ~~	5 . Glr	. M≏+		, <u>(1</u> 1-	1 7 av	10 Val	Tla	2 001	r T.e.	1 Trr	15 N Agr	Gln
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	Asp	Thr	Ara	Asn		Ser	Phe	Ala	Ala		Glv	Lvs	Glv	Ser		Pro
362	1.00		5	180					185		1	-1-	1	190		
	Glu	Val	Δla		Met	Trn	Thr	Asn		Ara	Glv	G] 11	Phe		Tvr	Cvs
366	GIU	vai	195	- 7 -	rice	ııp		200	Cyb	****9	O ₁	014	205	cu	- / -	C ₁ C
	Δen	Mot		Trn	Dhe	T.011	Δen	Trp	Tle	G311	Δen	Lvc		His	Δra	Asn
370	ASII	210	1111	пр	1110	пси	215	ııp	110	Oru	AOII	220			**** 9	11011
	Тъгъ		Dro	Cve	Hic	Tla		Gln	Tla	- T T 👝	Δen		Trn	Hic	Lvc	Val
	225	Aια	110	Cyb	1113	230	Lys	0111	110	110	235	****			_,_	240
		Δrα	Δen	Val	ጥህን		Pro	Pro	Δra	Glu		Glu	T.eu	Ser	Cvs	
378	GLY	Arg	ASII	vai	245	пси	110	110	my	250	OLY	Olu	шеа	561	255	11011
	Sar	Thr	Wal	Thr		Tla	Tlo	Ala	Δen		Δen	Trn	Gln	Δen		Asn
382	SCI	1111	Val	260	DCI	110	110	AIG	265	110	App	115	0111	270	11011	11011
	Cln	Thr	7 cn		Thr	Dho	Car	Ala		TeV	בות	Glu	T.011		Ara	T.011
386	GIII	1111	275	116	1111	FIIC	261	280	Giu	vai	AIG	Giu	285	тут	Arg	пси
	C1,,	Tou		7 cn	Фът	Lvc	Lou	Val	Clu	Tla	Thr		205			
390	GIU	290	Gry	Asp	ıyı	цуз	295	vaı	GIU	116	1111					
	<210		20 TI	NO.			293									
	<21															
	<212				, ,											
					Home		niano	2								
	<400					Homo sapiens 5										
			~			Tla	Thr	Glu	Δla	Dhe	Glu	Δla	Trn	Δsn	Δan	Pro
401		vaı	PIO	пец	5	116	1111	Giu	AIG	10	GIU	Ата	пр	лэр	15	110
		17 a 1	Laze	Gln	-	Glu	Car	Asn	Tla		T.011	T.011	Dhe	Glu		Thr
405	шец	vai	цуз	20	AIG	Gra	Der	ASII	25	пть	ыса	ncu	1110	30	0111	
	Met	Δra	Pro	_	Val	Lvs	T.e.11	Ser		Tle	Cvs	Tle	His		Asn	Asp
409	NCC	nr 9	35	Cys	VUI.	כעב	нси	40	110	110	CyD		45	Cyb		
	Ser	Val		Lvs	Glu	Δla	Cvs	Asp	Lvs	Thr	Tvr	Trn		Thr	Len	Ara
413	DCI	50	110	_,5	024		55	1101			-1-	60	1100			5
	Val		Tvr	Cvs	Δla	Pro		Gly	Tvr	Ala	Leu		Lvs	Cvs	Asn	Asp
417		9	- 1 -	Cyb		70		-	-1-		75		-7-	- 1-		80
		Asp	Tvr	Ara	Glv	-	Ala	Pro	Lvs	Cvs		Asn	Val	Ser	Val	
421			-1-	5	85				-1-	90	7,2				95	
	His	Cvs	Thr	Ara		Tle	Asn	Thr	Thr		Thr	Thr	Glv	Tle		Leu
425		Cyb		100					105				017	110	0-1	
	Asn	Glv	Ser		Ser	Glu	Asn	Arg		Glu	Tle	Trn	Gln		Glv	Glv
429			115		501			120					125		07	- 1
					Thr			Ile							Asn	Leu
433	ADII	130	11011	1100	****	• • • •	135		2,5	шси		140		-1-		
	Thr		Δra	Cvs	Δra	Trn		His	Phe	Gln	Glv		Trn	Lvs	Glv	Δla
	145	Val	Y	Cys	y	150	Cys	****		0111	155	1101	1	_,5	- 1	160
		Lare	Glu	Va 1	Δra		Glu	Val	Lare	Tare		Tave	Asn	Len	Thr	
441	115	L y S	JIU	val	165	Jiu	JIU	*ul	د ړ ـ	170	*ul	_,5	11011	LCu	175	J_4
										1,0					-,5	
	t/a1	Ser	T۱۵	G111		Tla	Hic	Leu	Ara	Δra	Tl۵	Trn	Gl v	Acn	Pro	Glu
	Val	Ser	Ile			Ile	His	Leu	_	Arg	Ile	Trp	Gly		Pro	Glu
445				180	Asn			Leu Cys	185					190		

VERIFICATION SUMMARY

DATE: 11/24/2006

PATENT APPLICATION: US/09/856,200

TIME: 15:46:00

Input Set : A:\54203-H-PCT-US.txt